



Dr. Clarence E. Larson

Dr. C. E. Larson Was Y-12 Head For Two Years

Former Superintendent Made Vice President Of National Carbon

Dr. Clarence E. Larson, who will become Vice President in Charge of Research for the National Carbon Company on October 1, needs little introduction to hundreds of friends here in the Y-12 Plant of Union Carbide Nuclear Company, where he served as Plant Superintendent for nearly two years. He was one of the real pioneers in Y-12 and Oak Ridge, where his contribution to atomic energy work here and at the Oak Ridge National Laboratory and to the civic life of Oak Ridge was of the highest quality.

National Carbon Company is a Division of Union Carbide and Carbon Corporation and in his new assignment Dr. Larson will head all of National Carbon's research activities. In addition he will head Union Carbide's research in new fields of physics and will be a member of the Corporation's Research Committee. His headquarters will be in National Carbon's new research laboratory now being constructed in a suburb of Cleveland, Ohio.

Dr. Weinberg Is Successor

Dr. Larson will be succeeded as Director of the Oak Ridge National Laboratory, the position he has held since February 1, 1950, when he transferred from Y-12; by Dr. Alvin M. Weinberg, it has been announced by Clark E. Center, Vice President of Union Carbide Nuclear Company. Dr. John A. Swartout will take over the duties of Deputy Laboratory Director when the changes become effective on October 1.

Dr. Larson was one of Y-12's earliest employees, coming here on July 1, 1943. He progressed steadily with the Y-12 Plant to become Director of the Research and Development Division when he was appointed Plant Superintendent on February 10, 1948.

At that time he succeeded C. N. Rucker, Y-12's first Plant Superintendent under Carbide and Carbon Chemicals Company. Mr. *Continued on Page 2*

Safety Works Both Ways—

Cooperation Of Youngsters, Drivers Needed For Safety

Responsibility Rests On Both For Success



"Sure, mister, we'll move over."

School's in session again — and streets and highways near school houses are congested with youngsters before and after the morning and afternoon bells sound.

It's time to be alert again for motorists driving through school zones—and many drivers probably think it would be a blessing to have more than the usual complement of just two eyes to watch out for the rollicking, playing youngsters darting here and there across streets—hurrying to classes or jubilant over just being released from their scholastic chores.

Sword Of Damocles

Sure, it is the responsibility of motorists to take every precaution when driving where children are playing, going to or leaving school. Causing injury or death to a child is the Sword of Damocles hanging over every motorist. No driver except a monster would purposely injure a child pedestrian.

On the other hand—there also is a large portion of responsibility resting on the youngsters to do their part in accident-prevention and to take care of themselves, and their younger companions. Fortunately, an overwhelming number of schools give safety training to the young students; caution them to look both ways before crossing streets; to use designated cross walks and not to "jaywalk" and to obey instructions of the school safety patrol group.

School Patrols Save Lives

Teachers in many schools have been especially trained in safety procedures and pass that training along to their charges. The school safety patrols have saved no telling how many juvenile lives in guarding them before and after school hours.

Despite all this training, there probably always will be a stubborn minority of youngsters who do not realize that their safety is to a great extent their own responsibility. Some of this group love to tantalize drivers by threatening to run in front of vehicles—then darting back as tires squeak and drivers suffer shock. Others at times will walk six and eight abreast across a street—literally *Continued on Page 2*

J. Crowe Promoted To Process Foreman In Beta Four Dept.

John R. Crowe, of the Y-12 Beta Four Operations Department in the Alloy Division, was promoted to the job of process foreman effective September 1.



J. R. Crowe

He was advanced from the post of associate engineer to his new rank. Crowe has been a Y-12 employee since June 23, 1952. He was born in St. Louis, Mo., July 31, 1930. As a youth his family moved to Talladega, Ala., where he graduated from high school there. Later he attended McCallie School in Chattanooga and received a bachelor's degree in chemical engineering from Massachusetts Institute of Technology just before being employed here.

Central Lot Paving Will Begin On Monday

Temporary Parking Must Be Arranged

Paving work on the western half of the Central Portal parking lot definitely will begin next Monday, September 19, which will require about half of the approximately 500 Y-12 motorists using this lot to seek temporary parking space elsewhere. The North and West Portal lots, the latter just resurfaced, will provide the nearest parking locations for these motorists.

The first part of the Central lot to be paved with asphalt will include the road leading to and the bus turnaround space at the pedestrian entrance. This work will require about 10 days to complete, after which work will begin on the eastern half of the lot.

The entire paving project at the Central Lot is expected to be completed within three weeks. It is being done by the Harrison Construction Co., of Maryville, Tenn., which also handled the West Portal lot work.

Two Physics Seminar Meets Scheduled For This Week

Two Oak Ridge Physics Seminar sessions are scheduled for this week at the Oak Ridge National Laboratory—a special meeting tomorrow, Thursday, September 15; and the regular session on Friday, September 16. Both meetings will be at 3:15 p.m. in the auditorium of Bldg. 4500, ORNL.

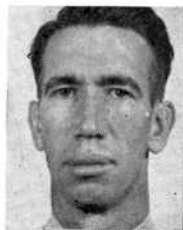
At the Thursday meeting L. W. Nordheim, Duke University, will lead the discussion on the subject of "Unformed Factors in Allowed Beta Decay." Fritz Coester, Argonne National Laboratory, will speak Friday on "Rotational States in Nuclei."

TASTY FALL DISHES OFFERED ON SPECIAL LUNCHES AT CAFETERIA

Patrons of the 50-cent Special Lunches at the Y-12 Cafeteria tomorrow, Thursday, September 15; and next Tuesday, September 20; will be treated to tasty fall dishes as the entrees. Ham croquettes with cheese sauce will be the main dish on the Special Lunch tomorrow while on next Tuesday baked beans with grilled Canadian bacon will be served. Each Special Lunch also includes one vegetable, choice of salad or dessert and rolls and butter.

Y-12 Cousin Of Missionary Released By Chinese Communists Happy And Relieved By Freedom For Kin Not Seen In 14 Years

That news from Geneva, Switzerland, last week that the Chinese Communists had released Mrs. Juanita Byrd Huang and 11 other Americans after lengthy detention brought great happiness and relief to John Goodwin Byrd, a Y-12er and cousin of the imprisoned Southern Baptist missionary.



J. G. Byrd

he said last week. At that time

they both were in Mt. Olive, Miss., her home town, where she was appearing for an address. At that time she was on a visit from China, where she had been for several years.

"She was an outstanding woman," the Y-12er recalled, "being active in church work and a compelling speaker all her life. Her father was Baptist Sunday School superintendent in Mississippi for 40 years before he died in Knoxville several years ago."

Born Juanita Byrd, she became a missionary and teacher in China before World War II and was interned by the Japanese briefly in 1942. Later she married Claude Huang, a broker at Shanghai. His fate has not been learned by relatives who are rejoicing at the

escape of his wife.

Mrs. Huang's closest relatives are her mother and two sisters at Nashville, and brothers in Lexington, Ky., and Florence, S. C.

John Byrd has been a Y-12er since February, 1944.

REORGANIZATION URGED

Budget Bureau reorganization can save the United States four billion dollars annually, according to the Hoover Commission report. The report says that under current procedures "there is no effective control over expenditures either by Congress or the Executive Branch." The commission recommends that the Budget Bureau apply accounting and financial methods of U. S. business to do its job.

Early Pickup Of Individual Awards Urged

15th Safety Period Articles Distribution Set Today, Tomorrow

All of the more than 6,000 Union Carbide Nuclear Company employees in the Y-12 Plant Area eligible to receive individual safety awards for the 15th Union Carbide Safety Period which will be distributed today and tomorrow, Wednesday and Thursday, September 14 and 15; are urged to pick them up at designated distribution points on one of the two days set. This early pickup will be appreciated by the Safety Department as it will eliminate the necessity of carrying undistributed articles back to the Safety Department quarters in Bldg. 9704-2 and the necessity of giving the awards out piecemeal later.

30-Day Limit Set

All awards must be called for within 30 days after the scheduled delivery dates under any circum-

TOOL GRINDERS LATE; MAY BE OBTAINED LATER BY SELECTORS

The Safety Department announced early Monday that the bench tool grinders, one of the 11 articles chosen for individual safety awards, will not arrive in time for distribution Wednesday and Thursday. All employees who selected this item need not join the lines at the portals on those dates but may obtain the tool grinders later at the Safety Dept., Bldg. 9704-2. Notification of arrival will be made in The Bulletin.

stances. Articles may be distributed by proxy to husbands and wives for each other and also to employees wishing to obtain them for others. However, in such cases the person receiving the award must sign their full name and badge number to the selection card of the employee for whom the award is intended.

Eligible UCNC employees also are urged to call for their awards at their latest designated pay points, where their selection cards will be placed. Through cooperation of the Safety and Payroll and Timekeeping Departments, efforts have been made to keep the pay designation points as up to date as possible for the convenience of employees receiving the awards.

7-8 a.m., 2-5 p.m. Hours Set

The distribution of the individual safety awards—6,293 of them to be exact—will be made at the *Continued on Page 4*

SAFETY SCOREBOARD

The Y-12 Plant Has Operated
83 Days Or
2,790,269 Man-Hours
(Unofficial Estimate)
Without A Lost Time
Accident
Through September 11

The Bulletin

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UT Graduate School Registration Is Set

Registration for the fall quarter of the University of Tennessee Graduate School classes in Oak Ridge will be held from 6 p.m. to 9 p.m. Friday, September 23, according to a university announcement last week. Y-12ers desiring to enroll in the 15 subjects to be offered may do so at the Oak Ridge Institute for Nuclear Studies Training Building located directly behind the Atomic Energy Commission Administration Building. All Oak Ridge classes will be held in the ORINS training building, opening on Monday, September 26.

Three courses are offered in Chemistry. They are Chemistry 451, organic qualitative analysis; Chemistry 521, instrumental methods of analysis; and Chemistry 571, theoretical inorganic chemistry. Four courses in industrial management also will be presented, including Industrial Management 501, two sections, on master's thesis; Industrial Management 511, principles of organization; Industrial Management 521, personnel management; and Industrial Management 533, managerial accounting.

Mathematics 454, advanced calculus; and Mathematics 541, differential equations also are offered as is Metallurgy 591, metallurgical thermodynamics. Four physics classes on the agenda are Physics 321, mechanics; Physics 451, atomic physics laboratory; Physics 511, introduction to theoretical physics; and Physics 611, quantum mechanics. Statistics 321, elementary statistics, completes the offerings.

'Follies Of 1955' Slated For Presentation This Week

A number of Y-12 employees, their wives and members of their families are in the cast of the sixth annual Jaycee and Jaycette "Follies of 1955" to be presented Thursday and Saturday nights of this week, September 15 and 17, at the Oak Ridge High School auditorium. John Gregory, Development Operations, is general chairman of the production and his wife is president of the Jaycettes and also appears in the performance. Other Y-12ers and members of their families connected with the show are Barbara

Cooperation Needed For School Safety

Continued from Page 1
daring any motorist to protest.
Parental Training Needed

It is this group — with the littlest fellows who honestly don't realize the hazards of the highway — that need the most safety training in school. Not only at school, but at home where parental training should be brought to bear to instill a spirit of cooperation and helpfulness on the part of the youngsters instead of the "smart aleck" stubbornness that — fortunately — is seldom seen but when it is can cause lots of confusion and ruffled nerves to say the least.

None of this relieves the driver's responsibility in any way — but motorists and the public in general can greatly elevate their safety standards with intelligent cooperation of the younger generation — their teachers and their parents.



Get-well wishes are sent the following Y-12 employees who were patients in the Oak Ridge Hospital last week:

Mrs. Will R. Kelly, Planning and Estimating; M. G. Crouch General Utilities; C. E. Harness and J. T. Thomas, Field Maintenance; Herbert A. Reed, Chemical; J. P. Wheeler, Product Processing; T. C. Long, Buildings and Grounds; Hubert H. Caudill, Coalex Operations.

Electromet Man Will Speak At Welding Society Meeting

G. E. Clausen, of the Metals Research Laboratory of the Electro Metallurgical Company, will speak at the first technical meeting of the year of the Northeast Tennessee Section of the American Welding Society next Monday night, September 19. The meeting will be at 7:30 p.m. in the Knights of Columbus Hall, Oak Ridge.

The Electro Metallurgical Company is a Division of Union Carbide and Carbon Corporation. Clausen's subject will be "Welding Metallurgy of Steel." All members and guests are invited to the meeting.

J. C. Thompson, of Y-12, is first vice chairman of the section and E. N. Rogers, Y-12, is treasurer. Chairman is G. M. Slaughter, Oak Ridge National Laboratory. C. E. Elder, ORNL, is second vice chairman and A. A. Walls, K-25, secretary.

DeMarcus, John and Frances Perry and J. J. Kurtz and Jean Kurtz.

Curtain time for the two performances of the revue will be 8:10 p.m. The director of the "Follies of 1955" is Eric Schepard, of New York. Costumes also have been obtained from New York for the production.



Pome—original.

**Here's why many spouses
Think their mates
Are Louses.**

A. Drinking all the cold water out of the refrigerator bottle and not refilling said bottle.

B. Squeezing toothpaste tubes from the top.

C. Leaving extra shoes all over the house over which to stumble.

There are 23 letters of the alphabet left to fill out with reasons. No prizes are offered but if any Y-12er of any gender—from male to female—wish to blow their tops and relieve their feelings—entirely anonymous, of course—just send along your pet gripe.

Now on with the gleanings of news here and there.

MAINTENANCE

Leonard Nation, Salvage, vacationed last week in Virginia . . . R. E. Kelly, E. Bazell and C. B. Russell were others on the vacation list . . . T. W. Williams is receiving congrats on arrival of a new daughter, weighing nine pounds, two ounces.

P. B. Proffitt, Automotive Maintenance, is resting this week at his home in LaFollette.

Research Services extends condolences to E. K. Long, whose brother died last week . . . The group welcomes J. L. Eller and H. M. Smith back after being ill. . . Ray Wells spent the Labor Day holiday week end in Alabama.

The Laundry Department sends get-well wishes to Lelia Leslie.

R. L. Wolfenbarger and family are spending two weeks in Florida . . . In the destination unknown list of vacationers for Process Maintenance are R. O. Wade, R. D. Winkels, A. L. Stewart, L. E. Hart, A. A. Wood, B. A. Walker, B. C. Blitch and A. L. Turpin.

Field Maintenance folks who knew Bob Patrick well were grieved to hear of the death of the former Y-12er in an explosion in Columbus, Miss., last week. Bob and his wife, Jean, were well known by many Y-12ers. He was a Y-12er for about a year, leaving in August, 1954.

TECHNICAL

Hayes Hunter and R. E. Hulme were Project Engineering vacationers last week.

Process Design reports L. Speas vacationing—but not where.

Dokie Bruner, Civil and Architectural Engineering, is at home in Oak Ridge this week . . . Bob Kennedy left last Friday to return to studies at the University of Cincinnati—he has best wishes of all.

Health Physics also has some vacationers—at unreported whereabouts—Merwyn Sanders, Harold Little, Roy Roberts and Ray Caton.

E. G. Laggis, Development Operations, was in Michigan last week . . . Tom Mackey was in Florida . . . Ralph Kent picked the Midwest . . . Al Townsend was in the Iowa tall corn . . . Jim Turley

also was away . . . Lew Twichell stayed at home in Oak Ridge . . . Steve Dabic spent the holiday week end on Watts Bar Lake . . . Owen Killeen was in Detroit at the same time . . . J. W. Niceley and Bob Harvey are welcomed as new employees . . . Abe Krieg has a new son born last week—Ezra Michael weighed seven pounds, three ounces.

I. G. Speas, Chemical and Industrial Engineering, was in North Carolina last week . . . H. D. Landry spent his vacation moving . . . M. B. Bridges is back from a vacation in Knoxville.

Nora Hurst, Lillian Higgins, Dick Wyrick and Vince Villella were Mechanical Engineering vacationers last week.

W. H. Dedson, Special Testing, visited relatives in Alamo, Tenn., last week . . . Dora Whaley went down to Savannah, Ga. . . Jim Bridges also was off for the week . . . L. M. Fitzgerald was in Burnside, Ky., over Labor Day . . . John Sarri is the proud papa of a new daughter.

MANUFACTURING OFFICE

Sarah Keith, Mail Room, is touring Texas and Arizona for a couple of weeks.

Betty Walker, Plant Records, visited her husband over at Ft. Jackson, S. C., last week end . . . Frances Patton vacationed last week visiting her husband in Mainsville, Ohio.

Tom Norcresse, Property, and his wife, Laura, of K-25, are in St. Louis, Mo., for a couple of weeks.

Receiving and Shipping has L. D. Nicely back from vacation . . . Clem Jones spent last week at home, venturing out for some squirrel hunting once in a while.

Edith Cruze, Material Control, was off last week — whereabouts not listed.

Property Sales sends rapid-recovery wishes to C. E. Jennings . . . A. Griffith and Gwenn Lindsey were the vacationers last week.

ALLOY

Larry Lasher, Alpha Four, has just returned from his two-week's vacation visiting his folks in Amsterdam, N. Y. . . H. B. Bartley, Jr., following the good example of Pelizzari, spent his vacation at home in Caryville, painting . . . Walt Williams also put his time off to good use by working on the family mansion in Knoxville . . . Jack Cooper rested at LaFollette—hunting and fishing — reported catch—one cold . . . The vacation list grows longer to include C. J. Morrow, A. E. Harvey and B. E. Schmidt . . . The folks thereabouts are glad to hear that the 17-month-old son of L. A. Howard is recovering from a hospital confinement that required two blood transfusions . . . The D. R. Masters are anxiously observing the hospitalization of "Pete," their parakeet, who got sorta smashed up by the bathroom door . . . (Aw gee, Jeri, that's an "oldie" about running into a door if there ever was one—but go on) . . . Alpha

Continued on Page 4

Dr. Larson Was Head Of Y-12 For Two Years

Continued from Page 1

Rucker at that time was transferred to ORNL and now is head of the Torrence, Cal., plant of Carbide and Carbon Chemicals Company.

Went To ORNL In 1950

Just 10 days less than two years after becoming Y-12 Plant Superintendent, Dr. Larson was appointed Director of ORNL—on February 1, 1950. He was succeeded by W. D. Lavers as Y-12 Plant Superintendent.

Born in Colquet, Minn., September 20, 1909, Dr. Larson entered the University of Minnesota in 1928 and graduated four years later after majoring in chemistry. In 1937 he received his Ph. D. degree in chemistry at the University of California at Berkeley. He then became a professor of chemistry at that university and finally Chairman of the Chemical Department of the College of the Pacific at Stockton, Cal.

Came Here From California

After Pearl Harbor he joined the Radiation Laboratory of the University of California where he remained until coming to Oak Ridge.

Dr. Weinberg attended the University of Chicago, obtaining his A. B. degree in 1935. Continuing his studies there he was awarded his master's degree in 1936 and Ph. D. degree in 1939. He joined the Manhattan District's metallurgical project in 1942, where he contributed to the design of the nuclear reactors used in the production of plutonium.

Since 1945 he has been associated with ORNL, holding the posts of Section Chief and Director of the Physics Division. In 1948 he was appointed Research Director of ORNL. He is the author of numerous scientific papers and has been a frequent contributor of articles dealing with atomic energy subjects.

Dr. Swartout received his B.A. degree from the University of Buffalo, N. Y., and his Ph. D. degree in 1940 from Northwestern University, Evanston, Ill. He joined the University of Chicago metallurgical project in 1943 and has been in atomic energy work since that time. During the war years he worked at the Clinton Laboratories, later renamed ORNL, and the Hanford, Wash., Engineer Works.

He rejoined the Clinton Laboratories staff in 1945 and in 1948 he was named Assistant Director of the Chemistry Division at ORNL. Since then he has been Director of the Chemistry Division, Assistant Research Director, Director of the Homogeneous Reactor Project and Deputy Research Director.

10 Years Service

Congratulations to Zola M. White, of the Y-12 Product Processing Department, who will complete 10 years of Company Service on September 18.

Knoxville Stamp Club Sets Meeting In Ridge Thursday

Talks on history of modern and ancient postal services will feature a meeting tomorrow night, Thursday, September 15, of the Knoxville Stamp Club to be held in Oak Ridge. The session is set for 7:45 p.m. in the Coral Room of the Ridge Recreation Hall.

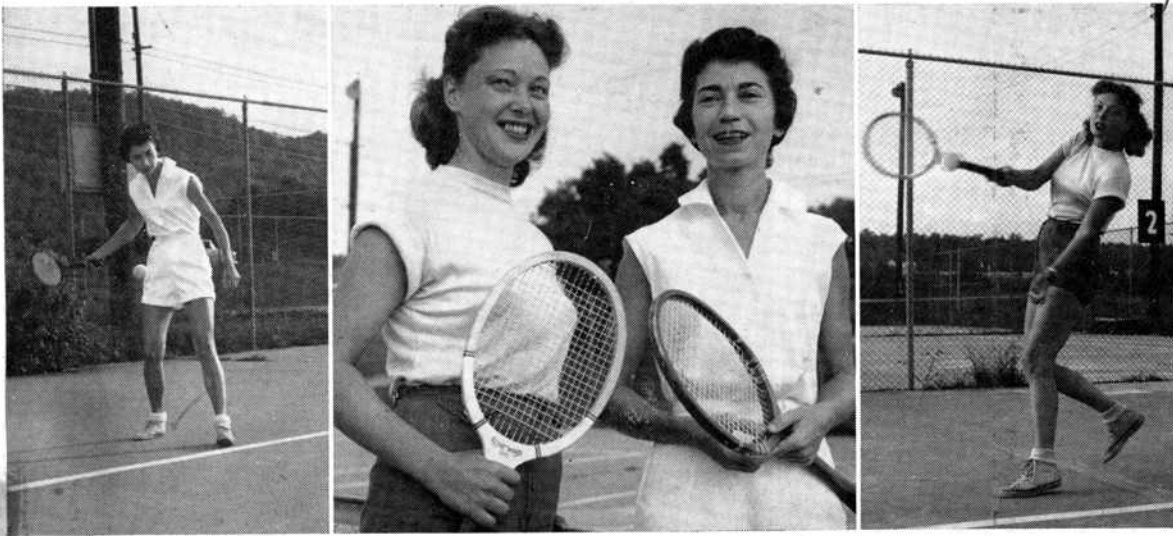
Speakers will be Harry S. Monks, of the Oak Ridge postoffice; and Dr. Harry B. Ruley. The former will speak on the Oak Ridge service and its history while the latter's topic will be the postal history of ancient Egypt.

Many Y-12ers and other Oak Ridgeans are members of the Knoxville Stamp Club, as the Atomic City has no such organization.



THERE'S ALWAYS A "BIG TIME HAD BY ALL" WHEN Y-12ERS ON the B Shift get together for picnics or other entertainment. Here are three views of the recent outing of the B Shifters at Cove Lake State Park.

At left a group prepares to devour a tasty picnic dinner. In center two rivals engage in a horseshoe game as small fry look on. At right—no, this can't be—but was there a lonesome picnicker at the outing?



HERE ARE THE COURT QUEENS OF Y-12 FOR THE SEASON — THE WINNER AND RUNNER-UP IN THE Women's Singles Tennis Ladder. At left is Elizabeth Patrick volleying from the base line. In the center Miss Patrick, at left, is shown with Sue Strange, whom she defeated in the last match of the season to regain top place on the ladder earlier won by her opponent. In the picture at right Sue is chasing a sharp stroke in preparation for a return

Rebels Sweep Whitewash From Rippers, Gragg Tops Scorers In Classic Pin Loop

One team and one individual stood out in the opening session of alley activities of the Classic League of Y-12 Plant bowlers last Thursday night at the Oak Terrace alleys. Capt. George Riddle's Rebels repulsed the attack of the Rippers with a four-point whitewash of their foes and Capt. Frank Gragg personally led the individual scorers of the night as his Wolves gained an even split with the Bumpers.

Gragg really gave the boys something to shoot at in his high scoring. He had a fine 235 scratch game which was boosted to 255 with handicap. His scratch series was 610, increased to 670 with handicap. Other match results in the bowling session found the Tigers and Playboys winners over the Wasps and Screwballs respectively by three-point margins. The All Stars split with the Swingsters and the Has Beens and Cubs divided.

The Rebels also led in team scoring with scores of 902 1040 2584 and 2998 across the boards. League standing follows:

Team	W	L
Rebels	4	0
Tigers	3	1
Playboys	3	1
Cubs	2	2
Bumpers	2	2
Wolves	2	2
All Stars	2	2
Swingsters	2	2
Has Beens	2	2
Screwballs	1	3
Wasps	1	3
Rippers	0	4

Team No. 4 Champs In Y-12 Pistol Loop

The close competition in the Y-12 Pistol League was ended with matches on September 7 with Team No. 4 winning the championship after the loop lead had changed several times during the season. On the final night of the season Team No. 4 beat Team No. 3 by 768 to 758 scratch and 870.451 to 865.709 handicap. In the other match of the night Team No. 1 topped Team No. 2 by 763 to 727 scratch and 869.841 to 860.014 handicap to create a tie for last place in the circuit.

Team No. 4 won the team scratch trophy for the season with eight wins and four defeats. Team No. 2 took the handicap team trophy with six wins and six losses.

W. R. McIntosh, Team No. 4, had both the high scratch and handicap scores of the final night of firing with 273 and 292.643. T. J. Bush topped Team No. 1, with 271 scratch and 291.802 handicap. On Team No. 2 P. H. Williams had the best scratch score of 255

C Bowling League Opens Slate Tonight

Bowling activities will pick up this week in Y-12 with an organizational meeting of the Mixed League already held and the C League planning to get underway for the season at 6 o'clock tonight, Wednesday, September 14, at the Central alleys.

Late last week the Y-12 Recreation Department reported that the Mixed League probably would be composed of eight four-player teams of two men and two women on each. Interest has been high in this circuit and indications point to a highly competitive, successful and entertaining season.

The C League roster of teams and captains was completed last week. The eight teams competing and their captains are Q Balls, E. W. Raabe; Deltas, J. B. Strickland; Hot Wires, V. B. Williams; Sooners, R. P. Wallace; Rusty Five, Leo Hemphill; Glass Arms, J. Rogers; Hornets, Carl Frazier; and C Shift, J. Bryan.

Carl Frazier was elected secretary-treasurer of the loop at its first organizational meeting. A president and vice president are to be elected just before the alley activities start tonight.

Y-12 Women Bowl For Market Team

A big majority of the women's bowling team that won the Oak Ridge Women's City League championship for the past two seasons while wearing the colors of Y-12 are together again this season—now representing the City Market at Elm Grove. Members of the championship team of last season now in action together again are Betty Whitehorn, Mavis Koons, Ruby O'Kain and Juanita Reed. Oradean Upchurch Uffleman, a former Y-12er, is the fifth member of the team and has been elected captain for the season. The City Market lassies won a three-point win from Norris Creamery last week in their opening match of the season.

and M. L. Woodard's 286.983 handicap was best. Team No. 3 was led by J. C. Ezell with 272 scratch and A. V. Bible took handicap with 288.833.

The final league standing follows:

Team	W	L
No. 4	16	8
No. 3	12	12
No. 2	10	14
No. 1	10	14

O'Neal Beats Dorr For All-Carbide Golf Championship

Palo O'Neal, the golfing slugger from Beta Two, won his second straight All-Carbide Golf Tournament championship by pinning a



Palo O'Neal 73 to 75 medal margin over his opponent.

After the All-Carbide tournament, these two top flight Ridge golfers are battling again in the Oak Ridge Golf and Country Club championship. In this event Dorr fired a blazing 70, two under par, to become medalist in the event. Several other Y-12ers also are competing in the club competition. O'Neal is defending champion.

The O'Neal victory over Dorr gave Y-12ers five flight championships out of the 14 in the All-Carbide tournament. Other winners were Newt Hamby in the Sixth, Ray Whitehorn in the 12th, J. D. Hall in the 13th and Bo Hossley in the 14th.

Managed Hunt Bids Deadline Saturday

Application to participate in managed deer hunts on 15 Tennessee wildlife management areas must be submitted to the Tennessee State Game and Fish Commission office in Nashville by Saturday of this week, September 17, the commission has pointed out. Applications postmarked after that date will not be considered.

Deer hunts have been arranged for Andrew Johnson, Cove Creek, Big Ridge, Norris, Shelby, Central Peninsula, Falls Creek Falls, Kettlefoot, Laurel Fork, Cheatham and Unicoi areas. Deer, bear and boar hunts will be held on the Tellico Wildlife Management area. Deer and razorback hog hunts have been scheduled on the Catoosa, Ocoee and Prentice Cooper areas.

Ridgerunners Beat Beta Two In Opening Playoff Game For National Loop Crown

Other Y-12 Post Season Games Delayed By Ridge Tournament; Two Plant Teams Still In Event

The Oak Ridge Recreation Department's Class B Softball Tournament, scheduled to end on Thursday of this week, caused a temporary halt in the playoff arrangements for the two Y-12 plant softball leagues. Scheduling of the plant playoff games will depend on how they can be sandwiched in between the Oak Ridge tournament games, because as of last Friday morning two of Y-12's leading teams still were in the Oak Ridge event.

However, the first game of the two out of three series for the National League championship in Y-12 was disposed of last Thursday night when the Ridgerunners, first half of the season winners; topped Beta Two, second half champions; by 9 to 8.

Sunflowers Eliminate Rebels
Meanwhile the Y-12 American League race was slightly clarified last week as the Sunflowers beat the Rebels to eliminate the losers from a chance at the second half crown. The Bombers are to meet Uranium Control Junior Varsity and the Sunflowers will play the winners for the second half title. The Bombers won the first half honors and if some other team takes the second half title the pair will meet in a three-game playoff.

In that Oak Ridge tournament the Bombers and Ridgerunners still were surviving over the week end and were slated to meet each other early this week in a third round game. The Bombers had defeated the Oak Ridge National Laboratory Instruments and the Community Church while the Ridgerunners had trimmed the Elks and the ANP team of ORNL.

Two Other Teams Split
Two other Y-12 teams got by the first round but fell in the second. The Rebels beat Central Baptist Church but lost to K-25 Process Engineers. The Bums whipped ORNL Chemical Technology but were beaten by the K-25 Ramblers. K-25 Process Engineers also trimmed the UCJVs of Y-12. K-25 Engineers ousted Beta Two, the K-25 Sports put the Sunflowers out of the tournament and the K-25 Ramblers licked the Engineers of Y-12. Schedule mix-ups caused the Wildcats and Madcaps, both composed of shift employees, to forfeit their first round games in the tournament.

Score by innings of that Ridgerunner-Beta Two game follows:
Team R H E
Ridgerunners — 122 31x x—9 6 1
Beta Two — 140 21x x—8 9 2
Hill and Myers. Spradlin and Sanfield.

PLANTS MAKE OWN POWER

A typical Electro Metallurgical Company alloy plant is supplied by its own power station about the height of an 11-story building and reaching seven floors below ground level. Such a station produces enough electricity to care for all the domestic power needs of a city of more than 2,000,000 population. Electromet is a Division of Union Carbide and Carbon Corporation.

Electro Metallurgical Company, a Division of Union Carbide and Carbon Corporation, produces more than 50 different kinds of ferro-alloys and alloying metals.



Emlet-Hines Win Y-12 Golf Crown In Oak Ridge Loop



Logan Emlet Art Hines
The team of Logan Emlet and Art Hines won the championship of the Y-12 Plant Golf League at Oak Ridge last Saturday by turning in a six-point whitewash victory over Paddy Peckman and Jay Holzknicht.

Hines led his team to victory by scoring a 74 scratch over the tough 72 par course at Oak Ridge. His partner had a 90. Holzknicht posted 86 and Peckman 88 in the title match.

Peckman and Holzknicht won the first half of the season crown and Hines and Emlet led in the second round of play.

Ballenger-Cromer Tennis Champions

The Hackett-Thompson team in the Y-12 Doubles Tennis Ladder again failed in their challenge of the top twosome of Ballenger-Cromer last week, dropping two consecutive 6-2 sets in the final match of the season, giving the winners the plant championship. The Titlists never were removed from their No. 1 spot on the ladder.

The final standings were Ballenger-Cromer, Hackett-Thompson, Perry-Campbell, Beams-Horton, Fisher-Rogers, Scott-Jenniss, Strange-Secrist, Taylor-Dake, O'Kain-McGinniss and Dabic-Stotko.

Knoxville East Next Wildcat Grid Foe

Knoxville East High School, touted as one of the strongest football teams in that city this season, will be the opponents of the Oak Ridge Wildcats at 8 o'clock Friday night, September 16, at Blankenship Field. The East High contingent and the Wildcats have been bitter gridiron rivals for a number of years and a rip-snorting game is expected for an anticipated capacity audience. Many Knoxvilleans probably will accompany the Blue and Gray outfit to Oak Ridge for the game.

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Continued from Page 2

Four office personnel hasn't had an epidemic of paralysis—those left-legged limps sported by some are the aftermath of rehearsing for the Jaycee's "Follies of 1955" chorus line . . . **Helen Gombita** flew to Pittsburgh over the Labor Day week end to participate in a wedding ceremony . . . Don't mention caramels to **Hugh Caudill**, he is just recovering from dental surgery at the Oak Ridge Hospital . . . Still some more vacationers not classified as to whereabouts—**D. H. Pierce**, **T. Anderson**, **C. S. Munsey**, **C. E. Clowers** and **A. D. Nine**.

Beta Four bids good luck to **W. F. Wallen** and **Philip Higgs**, returning to school . . . **Alice Hensley** commuted between home and Gatlinburg while vacationing. . . Home also has attractions for **W. W. Farner** at Rockwood and **L. C. Stooksbury** at Corryton . . . Picket fence building occupied the time of **W. C. Toomey** . . . **F. A. Watson's** time was mostly spent taking care of the new baby . . . **R. C. Herrell** already is said to be planning his "going out of business sale" at his concession at the Knoxville fair this week . . . A Shift welcomes **George Kesterson** back after being ill . . . Wedding bell congratulations are sent **Ted Roberts**, who was married to Barbara Mills September 10.

MECHANICAL OPERATIONS

General Machine Shop had a pair of new papas on its hands last week . . . **R. F. Graham** was celebrating the arrival of a new daughter born September 1 in Oak Ridge Hospital, weighing seven pounds one ounce . . . **W. S. Minge** was doing likewise for a new son, born same day, same place, weighing six pounds, 13 ounces . . . **Bob Horton** is in Charleston, S. C., this week . . . **C. M. McAmis** is working on his new house in Knoxville . . . **F. T. McNamara** also is at home in Knoxville . . . **Kathleen Davis** is another vacationer and is said to be to be unaware of a surprise visit planned by her husband . . . Others off are **A. T. Sharp**, **J. W. Witt**, **L. B. Keith**, **W. B. Newman**, **R. F. Borner**, **E. L. Huffman** and **J. D. Stolsworth** . . . **C. C. Chamberlain** was fishing last week . . . **T. R. Webber** took it easy at home in Powell.

D Mechanical Operations hopes the baby of **A. Neal** soon recovers from its illness.

Mechanical Operations Division reports **D. D. McNew** and family vacationing in and around Bristol, Tenn. . . **J. J. Brock** and his bride, the former Miss Nell Kathryn Chitwood, are honeymooning at Fontana, N. C. and points in Florida . . . **E. T. Henry** is up around Louisville, Ky. . . **W. J. McPeters** is headed for the Smokies . . . **C. L. Wright** and **T. T. Patterson** are at their respective homes . . . **J. B. Ensor** is catching up with his farm chores . . . **J. C. Bishop** and **L. C. Hale** tried the fishing at Fontana last week . . . Vacation hideouts for **R. Mason**, **D. L. Holbert**, **V. C. Hallmark** and **J. C. Jernigan** were unreported . . . **T. S. Swindle** reported a fine vacation in Mississippi and **L. J. Taylor** visited friends and relatives in Tupelo, Miss., over the Labor Day holiday . . . **J. A. Collins** spent the long week end in North Carolina . . . **F. B. McCarter** reported fine squirrel hunting last week end—and is said to be giggling at **C. J. O'Neal**, **A. G. Steele** and **W. Myatt** over both their bag of squirrels—and chiggers.

SUPERINTENDENTS

Nick Tronolone, General Utilities, is being back-slapped by pals over the arrival of a new daughter on September 4 . . . Vacationers are **R. D. Freels**, **C. H. Jarvis**, **F. P. Smith**, **J. B. Peters**, **T. L. Moore** and **C. D. Langley**.

INDUSTRIAL RELATIONS

A quiet vacation at home in Concord is planned this week by



THE LARGEST OF THESE TWO fine smallmouth bass being held by **Ronnie Jack Rhea**, son of **Omer J. Rhea**, General Machine Shop, have been entered by the elder Rhea in the Y-12 1955 Fishing Contest. The fish were caught in the Holston River near Kingsport, Tenn., with minnow bait on a spinning reel.

Early Pick-Up Urged Of Safety Awards

Continued from Page 1

East, North, Central, West and Bear Creek Portals. It was erroneously stated in The Bulletin last week that the Biology Portal would be used as a distribution point. Oak Ridge National Laboratory employees in Bldg. 9207 will receive their awards from **C. P. McWright**.

The distribution hours for the awards will be from 7 a.m. to 8 a.m. and from 2 p.m. to 5 p.m. These hours will accommodate employees on all shifts.

58 Accident-Free Days Worked

During the 15th UCC Safety Period, UCCNC employees in Y-12 worked for 58 days or 2,034,575 man hours without a disabling injury.

The individual safety awards include 11 different articles which were selected by a popular vote of eligible employees. They include a thermos jug, potato cutter, tool grinder, alarm clock, Paper-Mate pen, block plane, knife sharpener, two-cup coffee percolator, first aid kit, lawn sprinkler and hamburger press.

Louise Gardipee, Employment.

Meta Butler, Personnel Services, and her daughter, **Betty Jo**, of Medical, spent the holiday week end in Camden, Tenn. . . **Imogene Lowe** went to Myrtle Beach, S. C., during the same period . . . **Judy Reeves** went to Centerville, Tenn., to attend her sister's wedding.

James (Call me Jiggs) Seivers, Security, went to Cincinnati for his vacation this week.

Capt. W. R. McGill, Fire Prevention and Control, vacationed at home in Friendsville.

Penny Keene, Medical, and her husband, **Ollie**, of Manufacturing Office, went to their favorite vacation grounds at St. Petersburg, Fla., last week.

Guard Department vacationers are **G. Hoskins** and **J. C. Mitchell**.

CHEMICAL

Eva Lowe, Product Processing, spent the Labor Day week end in Baltimore and returned to go on vacation to entertain relatives from Pennsylvania . . . **J. C. Heatherly** vacationed last week in La Follette . . . Week-end trippers were **Sally Tallent** in Indiana and **G. E. McNabb** in Winston-Salem, N. C.

The Chemical Department has vacationers scattered far and wide—including **L. J. Alexander**, **T. Chambers**, **W. A. Finger**, **J. C. Fox**, **F. W. Hill**, **E. R. Massengill** and **H. Simpson**.

Field Manners, Safety 'Musts' For All Hunters

Every hunter worthy of the name knows the principles of safety while in the field—such as unloading guns while crawling over or through fences, pointing a gun at anyone under any circumstances, or trying to mix gunpowder and alcohol and other fundamental common sense steps to take.

Every hunter worthy of the name also should mind their manners and know their obligations while afield.

Most hunting, except that on state or federal wildlife management areas, is on privately-owned land—farms and other territory. Thus, Tennessee nimrods usually are guests of someone else when they are hunting.

Being a guest involves certain obligations. First, permission of the land-owner should be obtained before invading his property. Second, if permission to hunt is granted, the hunting guest should respect the landowner's property and not damage gates or fences; kill or frighten persons, livestock or poultry nor commit other depredations that might antagonize his host. Finally, any game killed should be shared with the landowner—there's no law but common courtesy but being a good guest insures an invitation to return.

Carbide Will Expand Texas City Plant

Construction of additional vinyl acetate production facilities at Texas City, Tex., has just been announced by **H. B. McClure**, President of Carbide and Carbon Chemicals Company, a Division of Union Carbide and Carbon Corporation. Completion of these multimillion dollar facilities in the fall of 1956 will more than double the output of vinyl acetate at the Texas City plant and will represent a substantial increase in national production.

The Texas City plant is a major producer of tonnage petrochemicals, including ethylene oxide, ethylene glycol, acetic anhydride, ethanol, acetone, vinyl acetate, and vinyl chloride. Vinyl acetate is made by reacting acetic acid with acetylene. The acetylene is produced at Texas City by the partial oxidation of methane at high temperatures—a process pioneered by Carbide and Carbon in the United States. The facilities for making acetylene by this process were completed in 1950—the result of five years work.

Vinyl acetate is widely used as a monomer and co-monomer in polyvinyl resins. Dispersions of polyvinyl acetate in water are gaining widespread popularity in surface coating applications. Polyvinyl alcohol, made by hydrolyzing polyvinyl acetate, is widely used in making adhesives and as a raw material for polyvinyl butyral, the resin interlayer in safety glass. The additional facilities at Texas City are designed to meet the growing demand for vinyl acetate in these and other applications.

Eve—First chick to ruin a man's garden.



25 Y-12ers Interested In Management Course

Registration To Open
Monday, September 19

Approximately 25 Y-12ers have shown great interest in the University of Tennessee Course in Industrial Engineering and Management to begin in Oak Ridge during the week of September 29, according to **H. E. Alvey**, C Mechanical Operations Department who is a prime mover in organizing the class. One of the teachers in the course will be **Kyle Reed**, of the Y-12 Methods Engineering Department.

Joint Registration Urged

Registration for the course will begin next Monday, September 19, at the Oak Ridge High School, according to **Alvey** and he has urged every Y-12er who has communicated with him about the course and others who are interested to telephone him at 7904 in Y-12, or **Howard McGraw**, Mechanical Engineering, telephone 7954. **Alvey** said last week he believed it would be desirable if all Y-12ers intending to enroll in the course to meet for registration at the same time.

Reed will instruct pupils enrolled in Industrial Resources, described as the key subject of the seven offered in the Industrial Engineering and Management Course. The other subjects include Economics of American Industry, Industrial Statistics, Industrial Psychology, Production Analysis, Production Control and Quality Control. The course is being presented by University of Tennessee Division of University Extension and the classes will be held on Thursday nights at the high school from 6:30 p.m. to 9:30 p.m. College credits are given in each subject, which require 10 weeks to complete for three-hour credit.

Other Courses Offered

Other courses offered by the university, according to **Alvey**, including the one to start September 26, include a Supervisory and Technological Services and also subjects in Labor Relations. He and **McGraw** have information on these courses and will be glad to convey it to anyone interested.

WRONG ADDRESSES KEEP MORE THAN 100 Y-12ERS FROM RECEIVING PAPER

More than 100 Y-12ers eligible to receive The Bulletin are not doing so because of wrong addresses on file at the Mail Room, North Portal. Papers mailed to these employees have been returned by the post-office for this reason. Employees who recently have moved and changed addresses are urged to send that information to the Mail Room through Supervision or to call the Mail Room, plant telephone 7781; or The Bulletin, plant telephone 7751; so that they may again receive the paper and other Company information mailed to them. It is most important that the correct home address and telephone number of every Y-12er be on file with the Company.

AIChE To Hear Talk By California Man

John I. Richardson, technical director of the Americrat Corp., South Gate, Cal., will address the Knoxville-Oak Ridge section of the American Institute of Chemical Engineers tonight, Wednesday, September 14. The meeting will be at 8 p.m. in the Knights of Columbus Hall, Oak Ridge.

Speaking on "Organic Coatings for Protection Against Corrosion," **Richardson** will deal with the protection of metals and the proper method of selecting the proper type of organic coating to fill a particular need.

A graduate of Pomona College, **Richardson** has been with Americrat Corp. as chief chemist, technical services manager and now as technical director.

Rides Wanted, Offered

Want to join car pool from Inskip to East Portal, straight day. **L. A. Mulk**, plant telephone 7492, home telephone 6-4915.

Riders wanted from North Knoxville via Clinton Pike to any portal, straight day. **G. E. Berney**, plant telephone 7417, home telephone 5-6256, Knoxville.

Ride wanted or will join car pool from Lake City to Bear Creek Portal, straight day. **O. A. Lineberry**, plant telephone 7-8650, home telephone 4882, Lake City.

Two riders wanted from vicinity of Townsite, Oak Ridge, to Central Portal, straight day. **Edna Kennedy**, plant telephone 7383, home telephone 5-0215, Oak Ridge.

Ride wanted from Marshall Circle, Oak Ridge, to North Portal, straight day. **Kate Penland**, plant telephone 7104, home telephone 5-0674, Oak Ridge.

Riders wanted from Washington Pike, Valley View Road, Knox County, to East or West Portal, straight day. **C. P. Tudor**, plant telephone 7-8382, home telephone 5-2780, Knoxville.

Riders wanted from Smithwood section, Fountain City, to any portal, straight day. **Richard LaForge**, plant telephone 7365, home telephone 6-1838.

Ride wanted from 5501 Wil-Loyd Drive, Norwood, to North or Central Portal, straight day. **Viola Miller**, plant telephone 7327.

Ride wanted from West Broadway, Lenoir City, to North Portal, straight day. **T. N. Breazeale**, plant telephone 7591, home telephone 1526, Lenoir City.

Riders wanted from Park City section or North Knoxville to any portal, straight day. **W. E. Roark**, home telephone 4-4335, Knoxville.

Ride wanted from 247 Waddell Circle, Oak Ridge, to North Portal, straight day. **Ernestine Kackemaster**, plant telephone 7719, home telephone 5-0390, Oak Ridge.

Riders wanted from central or eastern Oak Ridge to Central Portal, straight day. **O. W. Breedlove**, plant telephone 7573.

Riders wanted from Harriman to West Portal, straight day. **Raymond Curtis**, plant telephone 7-8301.

Riders wanted from North Knoxville to any portal, straight day. **John C. Thomas**, plant telephone 7653, home telephone 2-4622, Knoxville.